MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH, 1927

J. A. BROWN, DIRECTOR

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MARCH 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C, Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	763.4	762.2	762 3	762.6	18.3	11.6		1.9	
2	3.6	3.4	4.3	3.8	17.3	11.7		9.3	0.76
3	4.3	2.6	1.3	2.7	18.9	11.6		11.0	
4	0.1	57.5	56.5	8.0	21.9	14.2		10.8	
5	56.8	7 0	8 4	7.4	20.0	14.1		1.4	1.59
6	760.5	761.8	763.9	2.1	18.1	11.7		5.0	11.10
7	5.4	4.8	4.9	5.0	18.4	12.1		10.5	
8	3.0	1.5	57 5	0.7	21.2	13.4		10.4	
9	56.3	54.9	60.3	57.2	23.9	17 2		7.0	.51
10	61.6	62.0	3.9	62.5	18.3	12.9		4.3	10.23
11	6.1	6.4	5.6	6.0	19.8	13.9		10.1	
12	5.3	5.0	4.9	5.1	18.8	13.2		8.6	
13	5.2	5.4	6.3	5.6	19.4	13.1		10.8	
14	5.8	3.7	3.5	4.3	19.4	14.3		11.0	
15	1.6	59.3	1.3	0.7	19.7	13.5		9.8	
16	0.7	9.8	0.5	0.3	20.0	15 3		8.9	
17	0.5	60.3	1.2	0.7	18.8	13.2		8.9	.76
18	4.4	5.3	6.4	5.4	17.5	10.4		10.1	7.09
19	7.1	6.6	6 9	6.9	17.3	11.4		11.3	
20	6.6	6.0	7.2	6.6	19.4	11.8		11.2	
21	6.5	5.9	5.0	5.8	19.7	13.1		11.2	
22	3.4	2.0	0.8	2 1	21.8	13.4		10.7	
23	56.7	55.3	55.0	55.0	26.7	16.2		3.2	
24	7.4	7.6	8 6	7.9	18.5	15.3		5.3	
25	61.6	61.7	63.2	62.2	19.3	11.2		7.4	14.14
26	63 2	63.7	64.9	3.9	18.7	13.7		3.3	.89
27	9.0	8.9	9.2	9.0	19.8	12.8		11	
28	4.5	3.2	2.0	3.2	19.8	13.6		11.3	
29	0.4	8.1	7.1	5.1	23.9	13.4		11.3	
30	5.4	5.4	5.6	5.5	26.6	17.1		9.4	
31	6 5	5.9	6.2	6.2	21.0	16.0		7.7	
	762.99	762.62	763.05	762.89	19.76	13.37		8.52	47.07

BAROMETER

Maximum 769.2 on 27th

Minimum 753.3 on 23d

THERMOMETER

Maximum 28.7 on 23d

Minimum 10.4 on 18th

RAINFALL

Maximum 14.14 on 24th

Number of days with rain 9, thunderstorms 0, gales 1

MARCH 1927

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	13.8	14.4	14.4	14.2	13.3	14.2	14.2	11.1	11.9	11.9	11.6	94	97	97	96
2	14.4	17.1	13.8	15.1	14.1	16.8	13.3	11.8	14.0	11.1	12.3	96	96	94	95
3	15.8	18.2	16.8	16.9	15.2	17.8	16.7	12.5	14.9	14.4	13.8	94	95	99	96
4	17.6	16.5	16.9	17 0	17.1	16.0	16 6	14.2	13.3	13.9	13.8	95	94	96	95
5	18.6	16.6	14.2	16.5	18.3	16.0	13.8	15.5	13.3	11.6	13.5	97	94	96	96
6	12.9	17.8	13.9	14.8	12.9	17.5	13.8	11.0	14.7	11.7	12.5	99	97	98	98
7	16.2	18.2	15.5	16.6	15.7	17.8	15.4	12.9	14.9	13 0	13.6	94	96	99	96
8	17.6	20.4	18.0	18.6	17.1	19.4	17.7	14.1	15.9	14.9	15 0	94	89	97	93
9	21.8	18.3	16.1	18.7	21.2	18.3	15.8	18.1	15.6	13.2	15.6	93	99	97	96
10	16.0	16.6	15.8	16.1	15.6	16.6	15.6	12.8	13.7	13.0	13.2	95	100	97	97
11	17.2	18.8	15.6	17.2	16.6	18.6	15.1	13.7	15.6	12.5	13.9	93	98	95	95
12	16.6	18.5	15.6	16.9	16.1	18.3	15.5	13.3	15.3	13.0	13.9	95	98	99	97
13	16.7	16.3	16.2	16 4	16.2	16.0	15.9	13.3	13.3	13.3	13.3	94	97	97	96
14	17.2	18.8	16.4	17.5	16.7	18.6	16 2	13.7	15.5	16.0	15.1	94	97	97	96
15	17.2	19.3	15.7	17.4	16.4	18.8	15.6	13.3	15.8	13 1	16.1	91	95	99	95
16	17.3	18.9	16.2	17.5	16.6	18.6	15.7	13.6	15.7	12.9	14 1	92	96	94	94
17	16.6	18.1	12.3	15.6	16.4	17.7	12.3	13.8	14.8	10.6	13.1	98	96	100	98
18	16.0	16.8	14.4	15.7	14.7	16.6	13.9	11.6	11.3	11.4	11.4	86	98	93	92
19	14.6	16.9	15 8	15.8	14.3	16.7	15.6	12.0	13.9	13.0	13.0	98	98	97	98
20	16.7	18.7	15.8	17.1	16.0	18.3	15.6	13.1	15.4	13.0	13.8	93	96	97	95
21	17 1	18.7	16.9	17.6	16.6	18.6	16.7	13.7	15.6	13.9	14.4	95	98	98	97
22	18.7	20.8	18 8	19.4	18.2	20.0	18.3	15.1	16.7	15.3	15.7	95	91	95	94
23	19.7	20.8	17 8	19.4	18.8	27.3	17.7	15.4	26 0	15.0	18.8	90	93	98	94
24	16.6	16 6	13.9	15.7	16 1	16.1	13.9	13.3	13.3	11.8	12.8	95	96	100	97
25	16 7	18.3	14.4	16.5	16.2	18 0	14 2	13.4	15.1	11.9	13.5	95	97	97	96
26	16.2	18.3	16 0	16.8	16.0	18.1	15.0	13.5	15.4	12.0	13 6	98	89	89	95
27	17.7	19.2	16.3	17.7	17.4	18.8	16 1	14.5	15.8	13.5	14.6	95	96	98	96
28	18.0	18.8	16.9	17 9	16.7	18.4	16.7	13.2	15 5	13 7	14 1	86	96	97	93
29	19.0	23.8	19 4	20.7	17.9	23.8	18.8	14.6	19 8	15 8	16.7	89	90	94	91
30	22.2	24.8	18 6	21.9	21.1	24.4	18.3	17.7	12.6	15.4	15.2	89	97	96	94
31	18.3	17.6	16.2	17.4	17.6	17.2	16.1	14.4	14.3	14.2	14.3	92	95	100	96
	17.09	18.62	15.64	17.12	16.55	17.98	15.71	13.69	15.45	13.25	14.13	93.7	95 9	96.9	95.8

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MARCH 1927

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	10cu n	7cu n	7cu n	5	0	2w	2w	141	calm	fog, dew
2	6	0	0	2	1w	0	0	146.6	,,	
3	0	0	0	0	0	1n	1e	218.5	v.slight	
4	0	8cu n	2	3.3	0	2w	0	88.4	calm	
5	10n	8cu n	10cu n	9.3	2ne	2w	0	273.9	v. slight	few dr. fog
6	6cu cin	5	0	3.7	0	2	0	146.4	calm	
7	0	1	0	.3	0	1nw	0	130.5	,,	dew
8	1ci	1ci	3cu ci	1.7	1se	0	2ne	195.7	,,	
9	0	9cu n	6cu n	5	0	8	7	375.5	rough	
10	8 cu n	10cu n	4	7.3	1	1	1	285.5	calm	
11	4	4	5	4.3	1	1	0	221.1	,,	
12	7 cu ci	5cu ci	8	7.3	0	1	1w	148.3	,,	
13	1	1	4cu ci	2	1w	2	2n	181.2	,,	
14	0	0	0	0	0	3n	4n	334.5	v. slight	
15	0	0	5	1.7	0	3w	1w	145.4	calm	
16	4cu ci	2	6	4	2	3	3	310.8	,,	
17	7	6	8cu n	7	3	3	2se	313	v. slight	
18	3	1	0	1.3	0	0	2ne	169.2	calm	
19	0	1	0	.3	0	7	1e	324	,,	
20	0	0	0	0	0	2nw	3nw	250.5	v.slight	
21	0	0	0	0	1nw	2ne	3ne	341.2	,,	
22	0	0	9cu n	3	0	1e	2e	201.1	calm	fog.
23	8cu n	3cu n	6cu n	5.7	0	2se	3se	251	,,	fog, sor. gale
24	8	5cu ci	5cu n	6	1	7	3nw	521.9	rough	
25	3	5	9	5.7	2	1	1	511	v. slight	
26	9alt cu	6cu ci	0	5	0	3e	0	334.8	calm	
27	1	2cu ci	0	1	1	1	1ne	94.4	,,	
28	0	0	0	0	1ne	3ne	3ne	302.1	v. slight	
29	0	0	0	0	0	0	0	161.7	calm	
30	0	1ci	3ci	1.3	0	0	0	122.5	,,	
31	8	1	6	5	0	0	2w	102	,,	
				3.17				236.66		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	2	0	1	0	7	2	1	18
2:30	2	2	2	1	0	11	5	2	6
8.30	2	5	3	2	0	4	4	2	9
Totals	4	9	5	4	0	22	11	5	33

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw,